

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Subashini Balachandran		05/22/2008
Mihail Corneliu Constantinescu		05/22/2008
RECEIVING PARTY DATA		
Name:	International Business Machines Corporation	
Street Address:	New Orchard Road	
City:	Armonk	
State/Country:	NEW YORK	
Postal Code:	10504	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12129432	
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NAME OF SUBMITTER:	Michael Zarrabian, Reg. No. 39886	
Total Attachments: 2		
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PATENT
 REEL: 021017 FRAME: 0100

ASSIGNMENT

Docket No. ARC920070096US1

INVENTOR
AND COUNTY

Whereas, We

(1) Subashini Balachandran
County of Santa Clara

State of California

(2) Mihael Corneliu Constantinescu
County of Santa Clara

State of California

have invented certain improvements in

METHOD AND APPARATUS TO MINIMIZE METADATA IN DE-DUPLICATION

DATES THAT INVENTORS SIGNED THE DECLARATION

and executed, respectively, a United States patent application therefor on

(1) May 22nd, 2008

(2) _____, 2008

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed


Subashini Balachandran

on May 22nd, 2008

Mihail Corneliu Constantinescu

on _____, 2008

ASSIGNMENT

Docket No. ARC920070096US1

Whereas, We

INVENTOR AND COUNTY	(1) Subashini Balachandran County of Santa Clara	State of California
	(2) Mihail Corneliu Constantinescu County of Santa Clara	State of California

have invented certain improvements in

METHOD AND APPARATUS TO MINIMIZE METADATA IN DE-DUPLICATION

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) _____, 2008

(2) May 22, 2008

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

Subashini Balachandran

on _____, 2008

Constantinescu
Mihail Corneliu Constantinescu

on May 22, 2008